

What is claimed is:

1. An optical disk drive device for use with a rewritable optical disk having physical tracks provided in a recording area, and each corresponding to one revolution, and sectors provided in the physical tracks and each having a header region in which an address is recorded, wherein

a predetermined part of said recording area containing said sectors has a recording attribute which indicates whether the predetermined part is rewritable, writable, or non-writable;

each of said sectors includes a predetermined number of bytes;

a logical track is composed of a predetermined number of sectors; the logical track to which each sector belongs can be identified by designating the address recorded in the header region of said sector;

each logical track is formed by 2^n sectors, where n is an integer, and the addresses are represented by sequentially numbered binary digits; and

data representing the recording attribute set for the predetermined part of said recording area is recorded in a structure management table provided in a predetermined position on the optical disk;

said optical disk drive device comprising:

a unit for identifying the logical track containing a sector based on the address of the sector;

a unit for recording data representing the recording attribute in the structure management table;

a unit for recording data in a predetermined part of the recording area; and

a unit for altering the data representing the recording attribute in the structure management table to indicate that said predetermined part is non-writable so that said predetermined part is regarded as a ROM area which cannot be rewritten during reproduction.

2. An optical disk drive method for a rewritable optical disk having physical tracks provided in a recording area, and each corresponding to one revolution,

and sectors provided in the physical tracks and each having a header region in which an address is recorded, wherein

- a predetermined part of said recording area containing said sectors has a recording attribute which indicates whether the predetermined part is rewritable, writable, or non-writable;

- each said sector consists of a predetermined number of bytes;

- a logical track is composed of a predetermined number of sectors;

- the logical track to which each sector belongs can be identified by designating the address recorded in the header region of said sector;

- each logical track is formed by 2^n sectors, where n is an integer, and the addresses are represented by sequentially numbered binary digits; and

- data representing the recording attribute set for the predetermined part of said recording area is recorded in a structure management table provided in a predetermined position on the optical disk;

- said optical disk drive method comprising the steps of:

- identifying the logical track containing a sector based on the address of the sector;

- recording data representing the recording attribute in the structure management table;

- recording data in a predetermined part of the recording area; and

- altering the data representing the recording attribute in the structure management table to indicate that said predetermined part is non-writable so that said predetermined part is regarded as a ROM area which cannot be rewritten during reproduction.

3. The optical disk drive device according to claim 1, wherein each of said sectors consists of a predetermined number of bytes.

4. The optical disk drive method according to claim 2, wherein each of said sectors consists of a predetermined number of bytes.